

| PATCH TEST PLAN/REPORT | | | | |
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| ECS System Integration and Test | | | | |
| Patch ID: Patch_6A.08_BMGT.02 | | Patch Installation Date: 12/04/2003 Location/Mode(s):PVC OPS | | Lead Engineer: Curt Schafer |
| NCR Ids/Name (If not shown below): 38532 BMGT Browse cannot run two instances at once. This NCR will be verified by the DAAC | | Patch Footprint/Affected Subsystems: BMGT | | |
| Test Objectives (Functional/Performance/Regression/Fault Recovery)/New Functionality/Ops Concept(s): Functionality, Regression, New Functionality | | | | |
| Test Location/Modes/Tools: PVC OPS EcBmBulkURLStart EcBmBMGTStart | | Test Data: AIRABRAD.077, AIRB0CAH.077, AIRBAQAP.077 AST_L1A.001, 002,003 AST_L1AE.001, 002, 003 AST_L1B.001, 002 AST14DEM | | |
| Test Support Personnel: Curt Schafer Development POC: Srikanth Davu NCR Submitter(s) POC: Lquick Rockvam | | Other Test Requirements: | | |
| Required Completion Date :12/12/2003 Planned Completion Time/Date: 12/11/2003 | | | | |
| Subsystem Tailored Regression Testing/Other Tests: | | | | |
| Scenario/Test List | | Pass/Fail/ Not Tested | Comments | |
| 1. BulkURL | | PASS | MAPS to NCR 38535 below | |
| 2. BMGT Collection Price | | PASS | MAPS to NCR 38593 and 38178 below | |
| 3. Should be able to accept List of Input Granules for Processing | | PASS all but –F option | MAPS to NCR 37460 | |
| 4. Regression 1,2 | | PASS | 1. Will have only Granule data 2. Will have Valid, Collection, Granule and Browse | |
| Test Approach (By NCR, if applicable) NOTE: Detailed NCR verification steps/info should be entered in DDTs. | | | | |
| NCR# | Inputs/Actions: | Outputs/ Expected Results: | Pass/Fail/ Not Tested | Comments: |
| 38535 | Configure BulkURL to build and send XML file with new lines: <?xml version="1.0" encoding="UTF-8"?> <!DOCTYPE ProviderAccountService SYSTEM "http://p2dps01.pvc.ecs.nasa.gov:24200/BMGTUpdateMetadata.dtd"> By configuring file: EcBmBulkURLConfigParams.xml | On p0tes03 In ProductOutput directory The XML file: PVCInsURL.20031208160509.xml Will contain the 2 lines indicated previously. | PASS | XML file did contain previously indicated 2 lines. |

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| | On p2dps01 Ran: EcBmBulkURLStart OPS Insert | | | |
| 38593 | <p>Configure files: EcBmBMGTSpecialCases.xml EcBmBMGTGroup.xml EcBmBMGTUserParams.xml</p> <p>To test 2 Collections (AST_L1A, AST_L1AE) with same shortnames with different Version Ids to have Estimated Price values and have those values appear in the corresponding .XML files correctly.</p> <p>Include a datatype (AST_L1B) in the “Groups” File but not in the “SpecialCases” file and ensure that the Estimated Cost did NOT get put into the corresponding .XML file.</p> <p>Run BMGT: EcBmBMGTStart -P Collection</p> | Corresponding XML files will be built accurately with correct Estimated cost values for all datatypes regardless of Version in the Product Output directory. | PASS | XML files did contain all Estimated Costs where applicable and did not contain the AST_L1B “test” data. Which is the expected behavior since AST_L1B was not in the Special Cases file. |
| 38178 | The above NCR (38593) testing covered this NCR as well | Same as above | PASS | Same as above |
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| 37460 | <p>SUMMARY OF BELOW TESTS FOR 37460 Configure BMGT and using different command line arguments.</p> <p>In the NCR column I also included the flags used for easier reference.</p> | | | <p>In the utilities directory there is a BmgtHelp.txt file which is very useful.</p> <p>ALL OUTPUT DATA IS BEING SENT TO THE ProductOutput Directory unless otherwise specified in the the “Expected Results” column.</p> <p>ALL EcBmBMGTStart ... is being run from utilities dir.</p> |
| 37460 -I -L | EcBmBMGTStart -I SC:AIRB0CAH.077:2013866375 -L Y | Create the XML, MET and PDR for the specified -I <file> | PASS | |
| 37460 -I -L -A | EcBmBMGTStart -I SC:AIRB0CAH.077:2013866375 -L Y -A N | Create the XML for the -I specified | PASS | |
| 37460 -P | EcBmBMGTStart -P Valids | XML, MET and PDR For Valids only | PASS | |
| 37460 -P | EcBmBMGTStart -P Collection | XML, MET and PDR For Collection only | PASS | |
| 37460 -P | EcBmBMGTStart -P Granule | XML, MET and PDR For Granules only | PASS | |

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| 37460 -P | EcBmBMGTStart -P Browse | XML, MET and PDR For Browse only | PASS | |
| 37460 -P -I | EcBmBMGTStart -P Collection -I SC:AIRBAQAP.077:2014019954 | XML, MET and PDR For Collection XML, MET and PDR For Granules XML, MET for the INPUTSOURCE. This shares the PDR with Granule PDR. | PASS | |
| 37460 -P -I | EcBmBMGTStart -P Validates -I SC:AIRBAQAP.077:2014019954 | XML, MET and PDR For Validates XML, MET and PDR For Granules XML, MET for the INPUTSOURCE. This shares the PDR with Granule PDR. | PASS | |
| 37460 -P -I -L | EcBmBMGTStart -P Collection -I SC:AIRBAQAP.077:2014019954 -L Y | XML, MET and PDR for -I geoid | PASS | |
| 37460 -P -I -A | EcBmBMGTStart -P Collection -I SC:AIRBAQAP.077:2014019954 -A N | (-A will be ignored since -L Y is not present. The results should be the same as: the -A not even present) XML, MET and PDR For Collection XML, MET and PDR For Granules XML, MET for the INPUTSOURCE. This shares the PDR with Granule PDR. | PASS | This is not supposed to be done as the -A can only be used when -L is Y. However it was tested for completeness |
| 37460 -P -I -L - A | EcBmBMGTStart -P Collection -I SC:AIRBAQAP.077:2014019954 -L Y -A N | XML for the -I specified file will be the ONLY file created | PASS | |
| 37460 -P -I -L - F | EcBmBMGTStart -P Collection -I SC:AIRBAQAP.077:2014019954 -L Y -F TESTBMGT_AST | XML, MET and PDR With renamed XML | FAILED NO PDR | Not using an ABSOLUTE path will result in the corresponding file created in the Directory where the EcBmBMGTStart script was run. AND A MET file will be put in the ProductOutput Directory |
| 37460 -P -I -L - F | EcBmBMGTStart -P Collection -I SC:AIRBAQAP.077:2014019954 -L Y -F /usr/ecs/OPS/CUSTOM/ProductOutput/TEST_FILE NAM OptionsPILF | XML, MET and PDR With renamed XML | FAILED | MISSING PDR Test ran 12/10/2003 13:50 |

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| 37460 -P -I -F | EcBmBMGTStart -P Collection -I SC:AIRBAQAP.077:2014019954 -F /usr/ecs/OPS/CUSTOM/ProductOutput/TEST_FILE NAME | XML, MET and PDR For Collection XML, MET and PDR For Granules However the INPUTSOURCE XML will be renamed to the name passed in on the command line “TEST_FILENAME”. The corresponding MET file for the INPUTSOURCE will be created in the ProductOutput dir with the usual “ECSMETGGranList... .MET” name. | FAILED NO PDR For Granules And NO PDR for INPUTSO URCE files | Ran 13:36 NO PDR produced for the METG NOT SURE IF THE PDR for INPUTSOURCE should be there since the -L is not here and therefore should default to N meaning that there should still do the list as well as the P collection. |
| 37460 -P -I -L -F | EcBmBMGTStart -P Collection -I SC:AIRBAQAP.077:2014019954 -L Y -F /usr/ecs/OPS/CUSTOM/ProductOutput/TEST_FILE NAM_OptionsPILF | XML, MET and PDR With renamed XML | FAILED | 12/10/2003 Time 13:50 NO PDR |
| 37460 -I -L -F | EcBmBMGTStart -I SC:AIRBAQAP.077:2014019954 -L Y -F /usr/ecs/OPS/CUSTOM/ProductOutput/TEST_FILE NAM_OptionsILF | XML, MET and PDR With renamed XML | FAILED MISSING PDR | 12/10/2003 13:56 MISSING PDR TESTED AGAIN WITH SMALLER GROUP TO MAKE SURE IT IS NOT OPERATOR ERROR!! |
| 37460 -I -A -F ODD ERROR CASE Because -A is used without - L Y | EcBmBMGTStart -I SC:AIRBAQAP.077:2014019954 -A N -F /usr/ecs/OPS/CUSTOM/ProductOutput/TEST_FILE NAM_OptionsIAF | XML, MET and PDR for : Granule Valid Collection Browse -F XML, MET and PDR With renamed XML | FAILED NO PDR for the MET G. AND For: INPUTSO URCE | 13:58 THIS IS AN ODD CASE BECAUSE: with the option -A N when “-L Y” is missing. This could mislead the user to thinking that they are going to get all the XML only however they will get XML, MET and PDR (except there is no PDR which is a true ERROR) The PDR is missing for the METG and the INPUTSOURCE |
| 37460 -I -F | EcBmBMGTStart -I SC:AIRBAQAP.077:2014019954 -F /usr/ecs/OPS/CUSTOM/ProductOutput/TEST_FILE NAM_OptionsIF | XML, MET and PDR for : Granule Valid Collection Browse -F XML, MET and PDR | FAILED NO PDR for: METG INPUTSO URCE | 14:05 |

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| | | With renamed XML | | |
| 37460 I -L -A -F | EcBmBMGTStart -I SC:AIRBAQAP.077:2014019954 -L Y -A N -F /usr/ecs/OPS/CUSTOM/ProductOutput/TEST_FILE NAM_Op tionsILAF | XML File only RENAMED to Command line given name In the specified ProductOutput directory | PASS | 14:14 File is there right size and renamed properly |
| 37460 -I -L -A -F | EcBmBMGTStart -I 2014019954 -L Y -A N -F /usr/ecs/OPS/CUSTOM/ProductOutput/TEST_FILE NAM_OptionsILAF_I_onlyDBID | Same as above except using the dbID instead of GEIOD XML File only RENAMED to Command line given name In the specified ProductOutput directory | PASS | 14:19 File is there right size and renamed properly |
| 37460 -I -L -A -F | Construct a file containing 10 GEOIDS : InputFILE_BMGT_GranuleURs Contents: SC:AST_L1A.003:2012597333 SC:AST_L1A.003:2012597366 SC:AST_L1A.003:2012597332 SC:AST_L1A.003:2012597368 SC:AST_L1A.003:2012597330 SC:AST_L1A.003:2012597334 SC:AST_L1A.003:2012597331 SC:AST_L1A.003:2012597387 SC:AST_L1A.003:2012597394 SC:AST_L1A.003:2012597393 EcBmBMGTStart -I InputFILE_BMGT_GranuleURs -L Y -A N -F /usr/ecs/OPS/CUSTOM/ProductOutput/TEST_FILE NAM_OptionsILAF_I_InputFILE_BMGT_Granule URs | A renamed "XML" file Containing the 10 GEOIDS in specified dir | PASS | 12/10/2003 14:29 File is in corresponding dir and named correctly containing the 10 GEOIDS |
| 37460 -I -L -A -F | Construct a file containing 10 dbIDs InputFILE_BMGT_dbids 2012597333 2012597366 2012597332 2012597368 2012597330 2012597334 2012597331 2012597387 2012597394 2012597393 EcBmBMGTStart -I InputFILE_BMGT_dbids -L Y -A N -F /usr/ecs/OPS/CUSTOM/ProductOutput/TEST_FILE NAM_OptionsILAF I InputFILE BMGT dbids | A renamed "XML" file Containing the 10 dbIDs in specified dir | PASS | 12/10/2003 14:35 file renamed in correct dir correct size containing the 10 Granules info |

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| 37460 -P -I -L -A -F | EcBmBMGTStart -P Collection -I InputFILE_BMGT_dbids -L Y -A N -F /usr/ecs/OPS/CUSTOM/ProductOutput/TEST_FILE NAM_OptionsPILAF_InputFILE_BMGT_dbids | A renamed “XML” file Containing the 10 dbIDs in specified dir | PASS | 12/10/2003 14:45 file renamed in correct dir correct size containing the 10 Granules info |
| 37460 -P -I | EcBmBMGTStart -P Collection -I InputFILE_BMGT_dbids | XML MET and PDR files will be created for the METC XML MET and PDR files will be created for the METG (PDR will also hold the data for Granlist/INPUTSOURCE E) XML and MET file for the INPUTSOURCE | PASS | 12/10/2003 14:47 GranList file created in correct dir correct size containing the 10 Granules info for the INFOSOURCE created from the input file containing dbids |
| 37460 -P -I | EcBmBMGTStart -P Collection -I InputFILE_BMGT_GranuleURs | XML MET and PDR files will be created for the METC XML MET and PDR files will be created for the METG (PDR will also hold the data for Granlist/INPUTSOURCE E) XML and MET file for the INPUTSOURCE | PASS | 12/10/2003 14:52 GranList file created in correct dir correct size containing the 10 Granules info for the INFOSOURCE created from the input file containing Geoids. |
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| Regression n TEST 1 | Configure and run BMGT with no new command line options to see if a “Vanilla” BMGT run will run accurately and completely Check DB to get number of Granule URs expected Run BMGT with no command line arguments | XML and MET files were built in the Product Output Directory with same number of Granule URs as expect from isql. PDR will build | PASS | 12/09/2003 ONLY DOING Granules NO Collection, Valids, or Browse 3158 |
| Regression n test 2 | Configure and run BMGT with no new command line options to see if a “Valid, Collection, Browse and Granule ” BMGT run will run accurately and completely Check DB to get number of Granule URs expected In corresponding XML files Run BMGT with no command line arguments | XML and MET files were built in the Product Output Directory with same number of Granule URs as expect from isql. PDRs will build for all (Granule, Collection, Valid, Browse) | PASS | 1152 granules Using data that will test Collection, Valids, Browse and Granule Products. |
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| List of Artifacts/Attachments (Procedures/data/etc.): | | | | |

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| Signature of Lead Engineer: <hr/> | Completion Date: |
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